Rosenberger

AIAG
Automotive Industry Action Group

Acc. to AIAG PPAP 4th edition

PPAP (Production Part Approval Process) submission

Design Drawing Number:	MU5T-14H007-CAA2110	Version: AELE E 1462	Date: 11.11.2024

Rosenberger part numbers:	Customer part numbers:	OEM part numbers:
90017141	MU5T-14H007-CAA2110	

PPA documents prepared by: Monika Major (monika.major3@rosenberger.com)

Date: 02.09.2025

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1

Design record

PPA documents prepared by: Monika Major (monika.major3@rosenberger.com)

Date: 02.09.2025

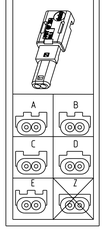
ITEM	BASE NAME	DESCRIPTION	FORD PART NUMBER	SUPPLIER PART NUMBER	COLOR OR PLATING	WEIGHT (grams)
1	-	JACKETED UNSHIELDED TWISTED PAIR (J-UTP)	ETHA (PER ESML3T-1A348-AA)	LEONI-DACAR - 676	-	13 g/m
	-	JACKETED UNSHIELDED TWISTED PAIR (J-UTP)	ETHA (PER ESML3T-1A348-AA)	GEBAUER & GRILLER - 160812	-	12 g/m
2	-	ID LABEL (2D DATA MATRIX)	PIA	-	-	1
3	-	ASSEMBLY PART NUMBER	PIA	CABLE LABELING	YELLOW	-
4	CONN ASY WIR	SOCKET CONTACT FEM	MU5T-14487-AA	E7K11A-1AQ/20Z	GOLD	0.04
	TRMNL BUL TYP	CONTACT PIN MLE	MU5T-14461-AA	E75114A-1AQ/20Z	GOLD	0.04
5	SPCR WIR CONN	LOWER HOUSING FEM	MU5T-14A468-AA	E7K10A-1AQ/50	GRAY	0.15
	SPCR WIR CONN	LOWER HOUSING MLE	MU5T-14A468-BA	E7511A-1AQ/50	GRAY	0.3
6	SLV WIR CONN FEM	UPPER HOUSING INSERT FEM - KEY A	MU5T-14489-FA	E7K10A-1AQ/51-A	BLACK	0.2
	SLV WIR CONN FEM	UPPER HOUSING FEM - KEY A	MU5T-14489-EA	E7Z007-000-A	BLACK	1
	SLV WIR CONN MLE	UPPER HOUSING MLE - KEY A	MU5T-14A459-AA	E7Z005-C00-A	BLACK	1.5
	SLV WIR CONN FEM	UPPER HOUSING INSERT FEM - KEY B	MU5T-14489-GA	E7K10A-1AQ/51-B	WHITE	0.2
	SLV WIR CONN FEM	UPPER HOUSING FEM - KEY B	MU5T-14489-ABA	E7Z007-000-B	WHITE	1
	SLV WIR CONN MLE	UPPER HOUSING MLE - KEY B	MU5T-14A459-BA	E7Z005-C00-B	WHITE	1.5
	SLV WIR CONN FEM	UPPER HOUSING INSERT FEM - KEY C	MU5T-14489-HA	E7K10A-1AQ/51-C	BLUE	0.2
	SLV WIR CONN FEM	UPPER HOUSING FEM - KEY C	MU5T-14489-ACA	E7Z007-000-C	BLUE	1
	SLV WIR CONN MLE	UPPER HOUSING MLE - KEY C	MU5T-14A459-CA	E7Z005-C00-C	BLUE	1.5
	SLV WIR CONN FEM	UPPER HOUSING INSERT FEM - KEY D	MU5T-14489-JA	E7K10A-1AQ/51-D	CLARET VIOLET	0.2
	SLV WIR CONN FEM	UPPER HOUSING FEM - KEY D	MU5T-14489-ADA	E7Z007-000-D	CLARET VIOLET	1
	SLV WIR CONN MLE	UPPER HOUSING MLE - KEY D	MU5T-14A459-DA	E7Z005-C00-D	CLARET VIOLET	1.5
	SLV WIR CONN FEM	UPPER HOUSING INSERT FEM - KEY E	MU5T-14489-KA	E7K10A-1AQ/51-E	GREEN	0.2
	SLV WIR CONN FEM	UPPER HOUSING FEM - KEY E	MU5T-14489-AEA	E7Z007-000-E	GREEN	1
	SLV WIR CONN MLE	UPPER HOUSING MLE - KEY E	MU5T-14A459-EA	E7Z005-C00-E	GREEN	1.5
	SLV WIR CONN FEM	UPPER HOUSING FEM - KEY F	MU5T-14489-AFA	E7Z007-000-F	BROWN	1
	SLV WIR CONN MLE	UPPER HOUSING MLE - KEY F	MU5T-14A459-FA	E7Z005-C00-F	BROWN	1.5
	SLV WIR CONN FEM	UPPER HOUSING FEM - KEY G	MU5T-14489-AGA	E7Z007-000-G	GRAY	1
	SLV WIR CONN MLE	UPPER HOUSING MLE - KEY G	MU5T-14A459-GA	E7Z005-C00-G	GRAY	1.5
	SLV WIR CONN FEM	UPPER HOUSING FEM - KEY H	MU5T-14489-AHA	E7Z007-000-H	LIGHT PINK	1
	SLV WIR CONN MLE	UPPER HOUSING MLE - KEY H	MU5T-14A459-HA	E7Z005-C00-H	LIGHT PINK	1.5
	SLV WIR CONN FEM	UPPER HOUSING INSERT FEM - KEY Z	PIA	E7K10A-1AQ/51-Z	WATERBLUE	0.2
	SLV WIR CONN FEM	UPPER HOUSING FEM - KEY Z	PIA	E7Z007-000-Z	WATERBLUE	1
	SLV WIR CONN MLE	UPPER HOUSING MLE - KEY Z	PIA	E7Z005-C00-Z	WATERBLUE	1.5

FORD ASSEMBLY PART NUMBER	SUPPLIER ASSEMBLY PART NUMBER
MU5T-14H007-AAA	LAQ-118-••••-A-A_F080
RU5T-14H007-AA	LAQ-118-••••-A-E_F080
MU5T-14H007-ABA	LAQ-119-••••-A-A_F080
MU5T-14H007-ACA	LAQ-112-••••-A-A_F080
MU5T-14H007-ADA	LAQ-111-••••-A-A_F080
MU5T-14H007-AEA	LAQ-113-••••-A-A_F080
MU5T-14H007-BAA	LAQ-118-••••-B-B_F080
RU5T-14H007-BA	LAQ-118-••••-B-E_F080
MU5T-14H007-BBA	LAQ-119-••••-B-B_F080
MU5T-14H007-BCA	LAQ-112-••••-B-B_F080
MU5T-14H007-BDA	LAQ-111-••••-B-B_F080
MU5T-14H007-BEA	LAQ-113-••••-B-B_F080
MU5T-14H007-CAA	LAQ-118-••••-C-C_F080
MU5T-14H007-CBA	LAQ-119-••••-C-C_F080
MU5T-14H007-CCA	LAQ-112-••••-C-C_F080
MU5T-14H007-CDA	LAQ-111-••••-C-C_F080
MU5T-14H007-CEA	LAQ-113-••••-C-C_F080
MU5T-14H007-DAA	LAQ-118-••••-D-D_F080
MU5T-14H007-DBA	LAQ-119-••••-D-D_F080
MU5T-14H007-DCA	LAQ-112-••••-D-D_F080
MU5T-14H007-DDA	LAQ-111-••••-D-D_F080
MU5T-14H007-DEA	LAQ-113-••••-D-D_F080
MU5T-14H007-EAA	LAQ-118-••••-E-E_F080
MU5T-14H007-EBA	LAQ-119-••••-E-E_F080
MU5T-14H007-ECA	LAQ-112-••••-E-E_F080
MU5T-14H007-EDA	LAQ-111-••••-E-E_F080
MU5T-14H007-EEA	LAQ-113-••••-E-E_F080
MU5T-14H007-FAA	LAQ-118-••••-E-F_F080
MU5T-14H007-FBA	LAQ-119-••••-E-F_F080
MU5T-14H007-FCA	LAQ-112-••••-E-F_F080
MU5T-14H007-FDA	LAQ-111-••••-E-F_F080
MU5T-14H007-FEA	LAQ-113-••••-E-F_F080
MU5T-14H007-FFA	LAQ-118-••••-B-G_F080
MU5T-14H007-GAA	LAQ-119-••••-B-G_F080
MU5T-14H007-GBA	LAQ-112-••••-G-G_F080
MU5T-14H007-GCA	LAQ-111-••••-G-G_F080
MU5T-14H007-GDA	LAQ-113-••••-G-G_F080
MU5T-14H007-GEA	LAQ-118-••••-D-H_F080
MU5T-14H007-GFA	LAQ-119-••••-D-H_F080
MU5T-14H007-HAA	LAQ-112-••••-H-H_F080
MU5T-14H007-HBA	LAQ-111-••••-H-H_F080
MU5T-14H007-HCA	LAQ-113-••••-H-H_F080
MU5T-14H007-HDA	
MU5T-14H007-HEA	

(B1)

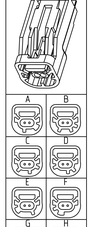
DETAIL INSERT KEY

SINGLE PAIR CONNECTOR FOR CARRIER INSERT CONNECTOR SHOWN VARIANT: CODING Z



DETAIL FEMALE KEY

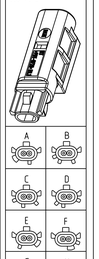
FEMALE CONNECTOR SHOWN VARIANT: CODING Z



KEY	APPLICATION
A	ADAS
B	HUD
C	TCU
D	SYNC
E	CLUSTER
F	DIAGNOSTIC
G	DSRC
H	POWERTRAIN

DETAIL MALE KEY

MALE INLINE CONNECTOR (W / CLIPSLOT) SHOWN VARIANT: CODING Z

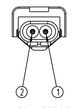


KEY	APPLICATION
A	ADAS
B	HUD
C	TCU
D	SYNC
E	CLUSTER
F	DIAGNOSTIC
G	DSRC
H	POWERTRAIN

LTRS	REVISIONS			
ORIGINATOR	CHECKER	ENGR APP	MATL APP	
RELEASED				
AELE E 12982958 638		20181017		
PMANGAL1	A.PETER	SRILERR4	N/A	
RELEASED NU5T-14H007-AAA, BAA, CAA, DAA, EAA, & FAA				
AELE E 13777777 474		20220407		
SDRUYOR	S.DUMANN	RRAUCHM2	N/A	
A1 UPDATED NU5T-14H007-AAA, BAA, CAA, DAA, EAA, & FAA				
A2 ADDED SERVICE PART NUMBER NU5T-14H007-CAA TO SHEET 2				
A3 ADDED SERVICE PART NUMBER NU5T-14H007-DAA TO SHEET 3				
A4 ADDED SERVICE PART NUMBER NU5T-14H007-BAA TO SHEET 4				
A5 ADDED SERVICE PART NUMBER NU5T-14H007-AAA TO SHEET 5				
A6 ADDED SERVICE PART NUMBER NU5T-14H007-FAA TO SHEET 6				
A7 ADDED SERVICE PART NUMBER NU5T-14H007-EAA TO SHEET 7				
AELE E 13777777 516		20220708		
SDRUYOR	S.DUMANN	RRAUCHM2	N/A	
B1 REMOVED NU5T-14H007-AAA, BAA, CAA, DAA, EAA & FAA. NOW SHOWN ON NU5T-14H007-ABA B2 ADDED NOTE 11				
AELE E 13777777 772		20240308		
JHOLL048	D.DORFHUBE	RRAUCHM2	N/A	
C1 ADDED RU5T-14H007-AA C2 ADDED RU5T-14H007-BA				
AELE E 14623064 016		20241111		
AGRAHAS1	D.DORFHUBE	RRAUCHM2	N/A	

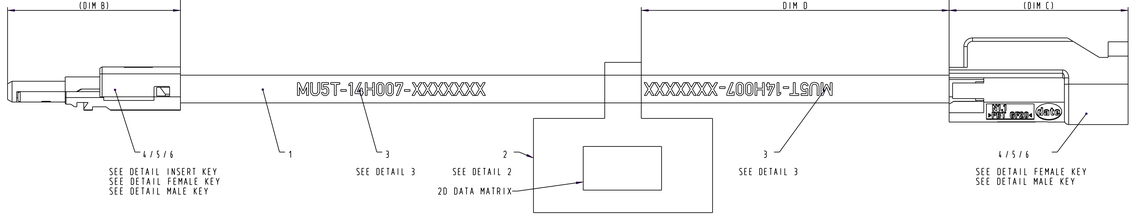
ASSEMBLIES MARKED WITH " • " IN TABULATION COLUMN FOR "DIM L" HAVE THESE FIGURES SHOWN ON APPROPRIATE WIRE HARNESS ASSEMBLY

SHOWN VARIANT:
KEY / CODING Z
FACE VIEW (E7K10A-1AQ/51Z)

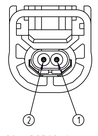


CONNECTOR 1

PIN	CIRCUIT	COLOR
1	ETHERNET LOW (-)	WH
2	ETHERNET HIGH (+)	GN



SHOWN VARIANT:
KEY / CODING Z
FACE VIEW (E7Z007-000-Z)



CONNECTOR 2

PIN	CIRCUIT	COLOR
1	ETHERNET LOW (-)	WH
2	ETHERNET HIGH (+)	GN

CONNECTOR COMBINATION					
CONNECTOR 1	CONNECTOR 2	DIM B (mm)	DIM C (mm)	DIM D (mm)	DIM L (mm)
INSERT	FEMALE	(19.95)	(20.65)	60	•
INSERT	MALE	(19.95)	(29.25)	60	•
FEMALE	MALE	(20.65)	(29.25)	60	•
FEMALE	FEMALE	(20.65)	(20.65)	60	•
MALE	MALE	(29.25)	(29.25)	60	•

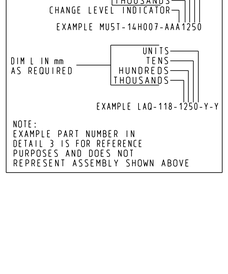
LENGTH	TOLERANCE
500 mm - 1000 mm	- 0 mm / + 20 mm
1001 mm - 5000 mm	- 0 mm / + 30 mm
5001 mm - UP	- 0 mm / + 40 mm

DETAIL 2

FORD ID LABEL INFORMATION:

1. FORD PART NUMBER
2. FORD COLLOUT: FoMoCo
3. COUNTRY OF ORIGIN
4. MANUFACTURING FACILITY (SUPPLIER CODE)
5. MANUFACTURING DATE (YYYY-MM-DD)
6. SEQUENTIAL # STARTING #1 EACH DAY

DETAIL 3



NOTE:
EXAMPLE PART NUMBER IN DETAIL 3 IS FOR REFERENCE PURPOSES AND DOES NOT REPRESENT ASSEMBLY SHOWN ABOVE

1. MUST CONFORM TO: RQT-00600-022384 (EY-0166)

2. OTHER THAN UNITED STATES MANUFACTURED COMPONENTS THE COUNTRY OF ORIGIN MUST BE CLEARLY MARKED OR DISPLAYED IN ENGLISH (SEE ID LABEL)

3. PART AS RECEIVED AT THE FORD PLANT OR SERVICE PART PACKAGER / WAREHOUSE SHALL BE FREE OF ANY CORROSION ALIGNED WITH THE FORD CUSTOMER SERVICE DIVISION (FCSD) PACKAGING AND SHIPPING GUIDE. CORROSION INHIBITORS OR FOREIGN MATERIALS DETRIMENTAL TO THE INSTALLATION OR FUNCTION OF THE PART MUST BE REMOVABLE BY THE INTENDED CLEANING METHOD

4. CHANGES TO DESIGN, COMPOSITION OR PROCESSING OF THE PART PREVIOUSLY APPROVED FOR PRODUCTION REQUIRE PRIOR APPROVAL FROM FORD MOTOR COMPANY PRODUCT ENGINEERING. REFER TO ISO/TS 16949

5. FOR CURRENT RELEASE STATUS, SEE THE WERS ENGINEERING NOTICE

6. 100% IN-PROCESS ELECTRICAL TEST:

   a. CONTINUITY TEST FOR EACH CIRCUIT - POINT TO POINT
   b. SHORT - CIRCUIT TEST FOR EACH CIRCUIT - POINT TO POINT

7. 100% IN-PROCESS CAMERA TEST:

   a. PRESENCE OF TERMINALS, POSITION OF TERMINALS, KEY CODE OF HOUSING

8. ◯ - PIN NUMBERING

9. PART BRANDING (TRADEMARK) AND CODING MUST BE IN ACCORDANCE WITH FORD ENGINEERING CAD AND DRAFTING STANDARDS, SECTION E-3. THIS PART ASSEMBLY MUST COMPLY WITH BRANDING DIRECTIVE E-108 OR THE EXEMPTION # SHOWN IS THE AUTHORITY FOR NON-COMPLIANCE.

   a. THIS PART HAS RECEIVED A TRADMARK EXEMPTION NUMBER: 18-000810A

10. WEIGHT IN WERS CALCULATED BASED ON ETHERNET CABLE ASSEMBLY MINIMUM ALLOWABLE DESIGN LENGTH (DIM L = 500MM).

(B2) 11. FOR LENGTH SPECIFIC SERVICE ASSEMBLIES, PLEASE SEE PRINT NU5T-14H007-ABA.

▽ CONTROL ITEM - THE ▽ ALSO IDENTIFIES CRITICAL CHARACTERISTICS DESIGNATED BY THE CROSS FUNCTIONAL TEAMS DEVELOPING THE PRODUCT. THESE, AND ADDITIONAL CRITICAL CHARACTERISTICS IDENTIFIED BY PROCESS REVIEWS, MUST APPEAR ON THE CONTROL PLANS ACCORDING TO ISO/TS 16949. THESE CONTROL PLANS REQUIRE PRODUCT ENGINEERING APPROVAL

TITLE	DRAWING
CA ASY ETHERNET 100BASE-T1	MU5T-14H007-AAA
CA ASY ETHERNET 100BASE-T1	MU5T-14H007-ABA
CA ASY ETHERNET 100BASE-T1	MU5T-14H007-ACA
CA ASY ETHERNET 100BASE-T1	MU5T-14H007-ADA
CA ASY ETHERNET 100BASE-T1	MU5T-14H007-AEA
CA ASY ETHERNET 100BASE-T1	MU5T-14H007-BAA
CA ASY ETHERNET 100BASE-T1	MU5T-14H007-BBA
CA ASY ETHERNET 100BASE-T1	MU5T-14H007-BCA
CA ASY ETHERNET 100BASE-T1	MU5T-14H007-BDA
CA ASY ETHERNET 100BASE-T1	MU5T-14H007-BEA
CA ASY ETHERNET 100BASE-T1	MU5T-14H007-CAA
CA ASY ETHERNET 100BASE-T1	MU5T-14H007-CBA
CA ASY ETHERNET 100BASE-T1	MU5T-14H007-CCA
CA ASY ETHERNET 100BASE-T1	MU5T-14H007-CDA
CA ASY ETHERNET 100BASE-T1	MU5T-14H007-CEA
CA ASY ETHERNET 100BASE-T1	MU5T-14H007-DAA
CA ASY ETHERNET 100BASE-T1	MU5T-14H007-DBA
CA ASY ETHERNET 100BASE-T1	MU5T-14H007-DCA
CA ASY ETHERNET 100BASE-T1	MU5T-14H007-DDA
CA ASY ETHERNET 100BASE-T1	MU5T-14H007-DEA
CA ASY ETHERNET 100BASE-T1	MU5T-14H007-EAA
CA ASY ETHERNET 100BASE-T1	MU5T-14H007-EBA
CA ASY ETHERNET 100BASE-T1	MU5T-14H007-ECA
CA ASY ETHERNET 100BASE-T1	MU5T-14H007-EDA
CA ASY ETHERNET 100BASE-T1	MU5T-14H007-EEA
CA ASY ETHERNET 100BASE-T1	MU5T-14H007-FAA
CA ASY ETHERNET 100BASE-T1	MU5T-14H007-FBA
CA ASY ETHERNET 100BASE-T1	MU5T-14H007-FCA
CA ASY ETHERNET 100BASE-T1	MU5T-14H007-FDA
CA ASY ETHERNET 100BASE-T1	MU5T-14H007-FEA
CA ASY ETHERNET 100BASE-T1	MU5T-14H007-GAA
CA ASY ETHERNET 100BASE-T1	MU5T-14H007-GBA
CA ASY ETHERNET 100BASE-T1	MU5T-14H007-GCA
CA ASY ETHERNET 100BASE-T1	MU5T-14H007-GDA
CA ASY ETHERNET 100BASE-T1	MU5T-14H007-GEA
CA ASY ETHERNET 100BASE-T1	MU5T-14H007-HAA
CA ASY ETHERNET 100BASE-T1	MU5T-14H007-HBA
CA ASY ETHERNET 100BASE-T1	MU5T-14H007-HCA
CA ASY ETHERNET 100BASE-T1	MU5T-14H007-HDA
CA ASY ETHERNET 100BASE-T1	MU5T-14H007-HEA
(C1) CA ASY ETHERNET 100BASE-T1	RU5T-14H007-AA
(C2) CA ASY ETHERNET 100BASE-T1	RU5T-14H007-BA

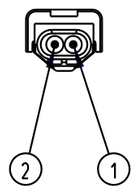
ROSENBERGER
ROSENBERGER
734-673-4131
15900 MICHIGAN SUITE 5
DEARBORN, MI 48126

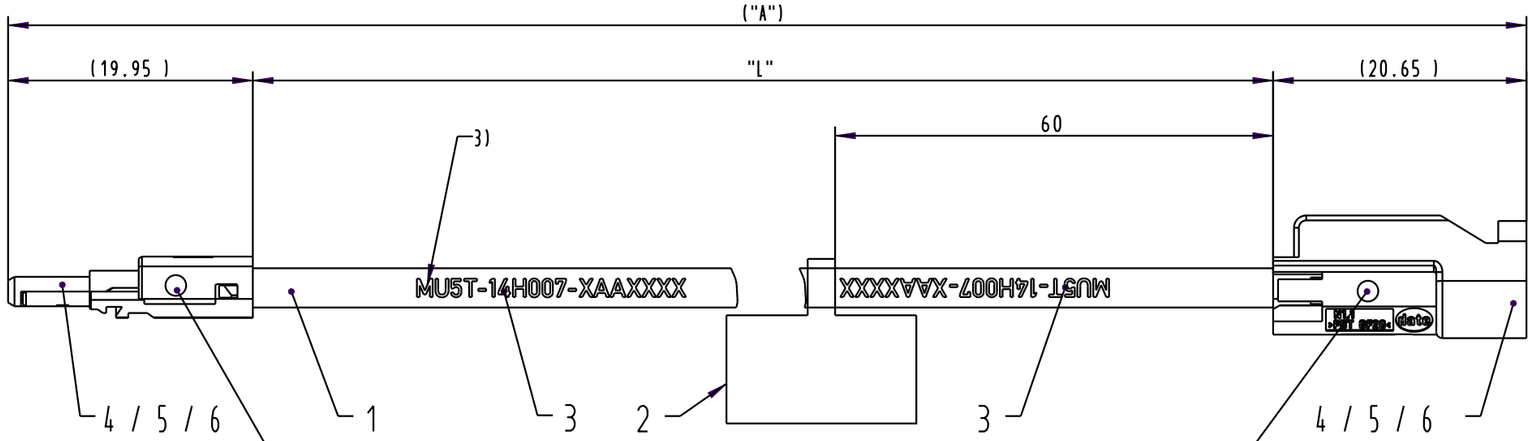
ENG APP	B.DICKS	APP DATE	20181023
GSDB CODE DNTB	SUPPLIER PART NUMBER N/A		
REFERENCE	N/A		
MUST CONFORM TO: RESTRICTED SUBSTANCE MANAGEMENT STANDARD WSS-M99P9999-A1 TO SAFEGUARD HEALTH, SAFETY AND THE ENVIRONMENT			
DRAFTED IN ACCORDANCE WITH FORD MOTOR COMPANY ENGINEERING CAD AND DRAFTING STANDARDS VERSION 30		3RD ANGLE PROJ -DIMENSIONS ARE IN MILLIMETERS	
CAD TYPE K-CATIA5	CAD LOC TC	CAD FILE MU5T-14H007-AA-DWG-01/10	DTMC IS MASTER
PLANT CODE N/A	LINE CODE N/A	OPER NO. N/A	BT NO. N/A	STATION N/A	SIZE N/A
PLANT NAME N/A		DEPT NO. N/A	DESIGN AKORMAN3	SCALE 1:1	SHT 1 OF 6
TITLE/PART NAME CA ASY ETHERNET 100BASE-T1					
DRAWING/PART NO. ▽MU5T-14H007-AAA					N/A
FORD MOTOR COMPANY					

LANGENNEUTRAL / INDEPENDENT OF LENGTH

SHOWN VARIANT:
CODING Z

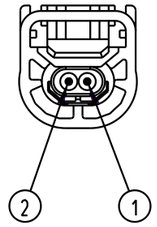
FACE VIEW (E7K10A-1AQ/51Z)





SHOWN VARIANT:
CODING Z

FACE VIEW (E7Z007-000-Z)



PIN	CIRCUIT	COLOR
1	ETHERNET LOW (-)	WH
2	ETHERNET HIGH (+)	GN

PIN	CIRCUIT	COLOR
1	ETHERNET LOW (-)	WH
2	ETHERNET HIGH (+)	GN

Tabelle 1/ table 1

SUPPLIER ASSEMBLY PART NUMBER	FORD ASSEMBLY PART NUMBER
LAQ-118-****-A-A_FORD	MU5T-14H007-AAA
LAQ-118-****-A-E_FORD	RU5T-14H007-AA
LAQ-118-****-B-B_FORD	MU5T-14H007-BAA
LAQ-118-****-B-E_FORD	RU5T-14H007-BA
LAQ-118-****-C-C_FORD	MU5T-14H007-CAA
LAQ-118-****-D-D_FORD	MU5T-14H007-DAA
LAQ-118-****-E-E_FORD	MU5T-14H007-EAA
LAQ-118-****-E-F_FORD	MU5T-14H007-FAA
LAQ-118-****-B-G_FORD	MU5T-14H007-GAA
LAQ-118-****-D-H_FORD	MU5T-14H007-HAA

1) Kabelzuschnittsl_nge = "L"+27.2 mm
cable cut length = "L"+27.2 mm
2) Temperaturbereich: -40 C bis +105 C
temperature range: -40 °C to +105 °C.
3) Definition der Bedruckung: Platzhalter f_r Teilenummerndruck gem__ Tabelle 1
Definition of printing: space-holder for part-number print acc. to table 1

MU5T-14H007- X A A XXXX

Kodierung f_r L_nge "L" in mm
coding for length "L" in mm

4) Nicht ma_st_blich / not to scale

DRAWING/PART NO. MU5T-14H007-AAA | REV D | SHT 2

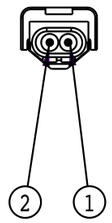
CAD FILE
MU5T-14H007-AA-DWG-01/10

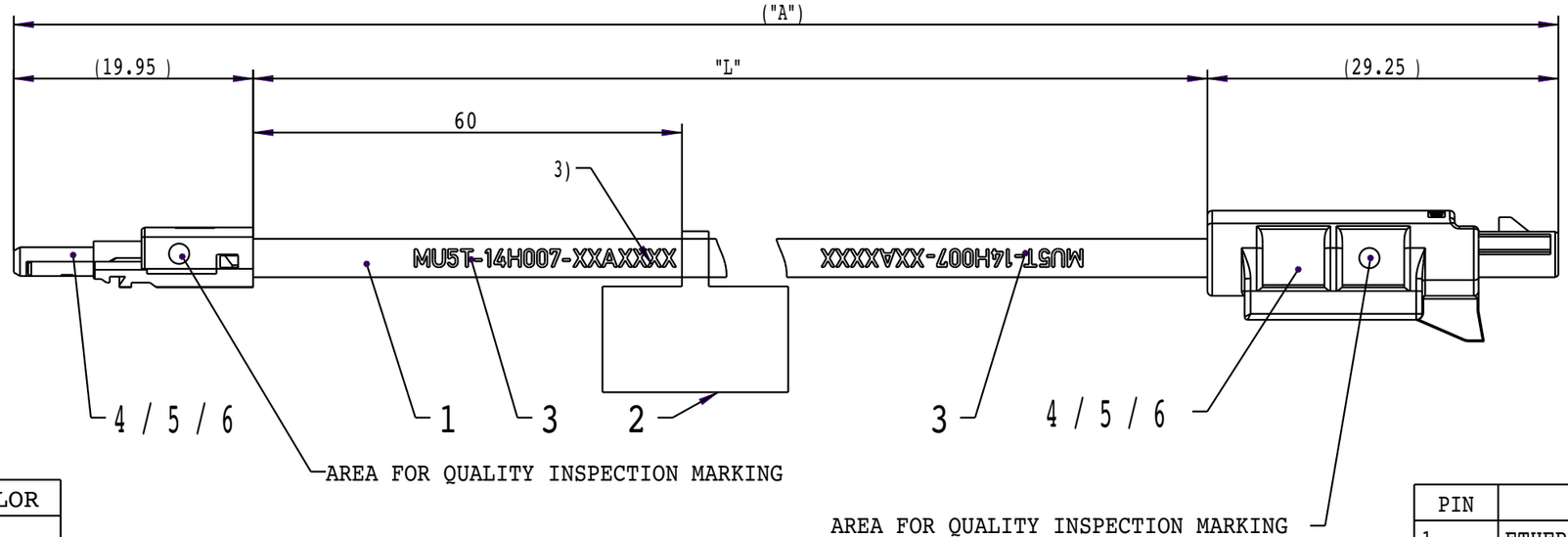
FORD MOTOR COMPANY

LÄNGENNEUTRAL / INDEPENDENT OF LENGTH

SHOWN VARIANT:
CODING Z

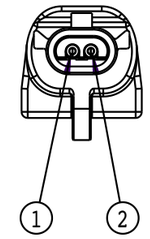
FACE VIEW (E7K10A-1AQ/51Z)





SHOWN VARIANT:
CODING Z

FACE VIEW (E7Z005-C00-Z)



PIN	CIRCUIT	COLOR
1	ETHERNET LOW (-)	WH
2	ETHERNET HIGH (+)	GN

PIN	CIRCUIT	COLOR
1	ETHERNET LOW (-)	WH
2	ETHERNET HIGH (+)	GN

Tabelle 1/ table 1

SUPPLIER ASSEMBLY PART NUMBER	FORD ASSEMBLY PART NUMBER
LAQ-119-****-A-A_FORD	MU5T-14H007-ABA
LAQ-119-****-B-B_FORD	MU5T-14H007-BBA
LAQ-119-****-C-C_FORD	MU5T-14H007-CBA
LAQ-119-****-D-D_FORD	MU5T-14H007-DBA
LAQ-119-****-E-E_FORD	MU5T-14H007-EBA
LAQ-119-****-E-F_FORD	MU5T-14H007-FBA
LAQ-119-****-B-G_FORD	MU5T-14H007-GBA
LAQ-119-****-D-H_FORD	MU5T-14H007-HBA

1) Kabelzuschnittslänge = "L"+32 mm
cable cut length = "L"+32 mm
2) Temperaturbereich: -40 °C bis +105 °C
temperature range: -40 °C to +105 °C.
3) Definition der Bedruckung: Platzhalter für Teilenummerndruck gemäß Tabelle 1
Definition of printing: space-holder for part-number print acc. to table 1

MU5T-14H007- X X A XXXX

Kodierung für Länge "L" in mm
coding for length "L" in mm

4) Nicht maßstäblich / not to scale

DRAWING/PART NO. MU5T-14H007-AAA | REV D | SHT 3

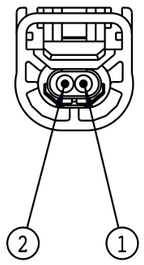
CAD FILE
MU5T-14H007-AA-DWG-01/10

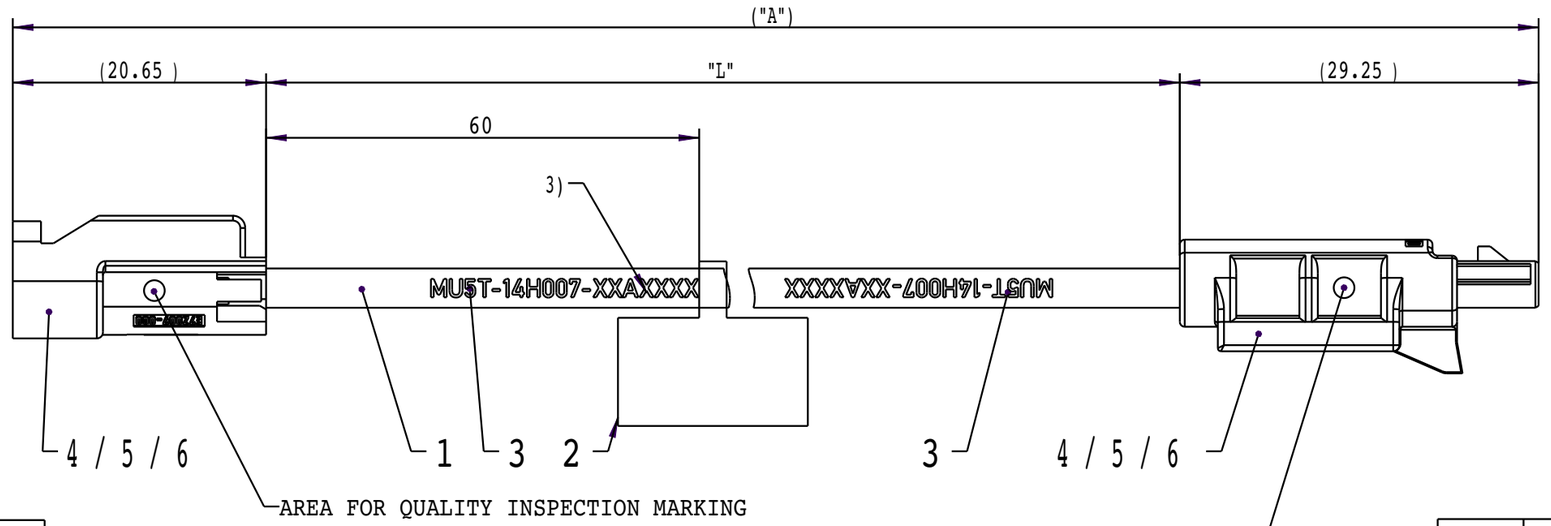
FORD MOTOR COMPANY

LÄNGENNEUTRAL / INDEPENDENT OF LENGTH

SHOWN VARIANT:
CODING Z

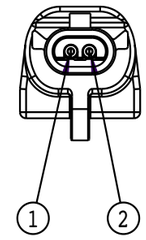
FACE VIEW (E7Z005-C00-Z)





SHOWN VARIANT:
CODING Z

FACE VIEW (E7Z007-000-Z)



PIN	CIRCUIT	COLOR
1	ETHERNET LOW (-)	WH
2	ETHERNET HIGH (+)	GN

PIN	CIRCUIT	COLOR
1	ETHERNET LOW (-)	WH
2	ETHERNET HIGH (+)	GN

Tabelle 1/ table 1

SUPPLIER ASSEMBLY PART NUMBER	FORD ASSEMBLY PART NUMBER
LAQ-112-****-A-A_FORD	MU5T-14H007-ACA
LAQ-112-****-B-B_FORD	MU5T-14H007-BCA
LAQ-112-****-C-C_FORD	MU5T-14H007-CCA
LAQ-112-****-D-D_FORD	MU5T-14H007-DCA
LAQ-112-****-E-E_FORD	MU5T-14H007-ECA
LAQ-112-****-E-F_FORD	MU5T-14H007-FCA
LAQ-112-****-B-G_FORD	MU5T-14H007-GCA
LAQ-112-****-D-H_FORD	MU5T-14H007-HCA

1) Kabelzuschnittslänge = "L"+32 mm
cable cut length = "L"+32 mm
2) Temperaturbereich: -40 °C bis +105 °C
temperature range: -40 °C to +105 °C.
3) Definition der Bedruckung: Platzhalter für Teilenummerndruck gemäß Tabelle 1
Definition of printing: space-holder for part-number print acc. to table 1

MU5T-14H007- X X A XXXX

Kodierung für Länge "L" in mm
coding for length "L" in mm

4) Nicht maßstäblich / not to scale

DRAWING/PART NO. MU5T-14H007-AAA | REV D | SHT 4

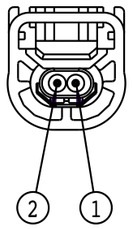
CAD FILE
MU5T-14H007-AA-DWG-01/10

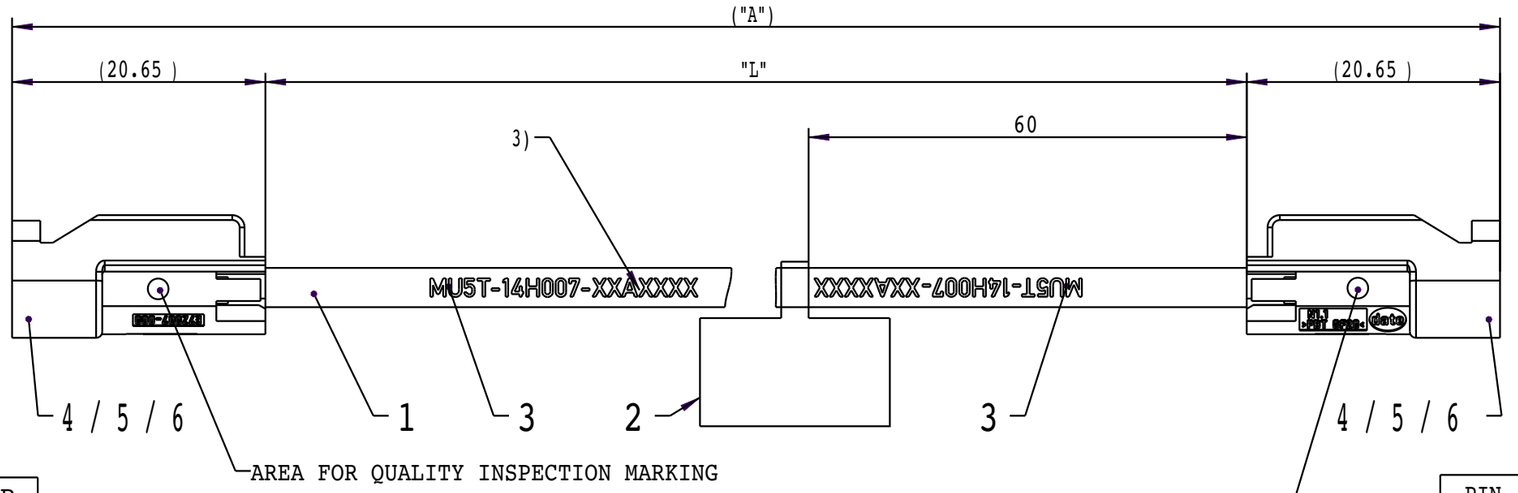
FORD MOTOR COMPANY

LÄNGENNEUTRAL / INDEPENDENT OF LENGTH

SHOWN VARIANT:
CODING Z

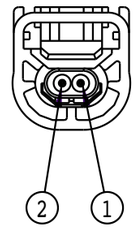
FACE VIEW (E7Z007-000-Z)





SHOWN VARIANT:
CODING Z

FACE VIEW (E7Z007-000-Z)



PIN	CIRCUIT	COLOR
1	ETHERNET LOW (-)	WH
2	ETHERNET HIGH (+)	GN

PIN	CIRCUIT	COLOR
1	ETHERNET LOW (-)	WH
2	ETHERNET HIGH (+)	GN

Tabelle 1/ table 1

SUPPLIER ASSEMBLY PART NUMBER	FORD ASSEMBLY PART NUMBER
LAQ-111-****-A-A_FORD	MU5T-14H007-ADA
LAQ-111-****-B-B_FORD	MU5T-14H007-BDA
LAQ-111-****-C-C_FORD	MU5T-14H007-CDA
LAQ-111-****-D-D_FORD	MU5T-14H007-DDA
LAQ-111-****-E-E_FORD	MU5T-14H007-EDA
LAQ-111-****-F-F_FORD	MU5T-14H007-FDA
LAQ-111-****-G-G_FORD	MU5T-14H007-GDA
LAQ-111-****-H-H_FORD	MU5T-14H007-HDA

1) Kabelzuschnittslänge = "L"+28 mm
cable cut length = "L"+28 mm
2) Temperaturbereich: -40 °C bis +105 °C
temperature range: -40 °C to +105 °C.
3) Definition der Bedruckung: Platzhalter für Teilenummerndruck gemäß Tabelle 1
Definition of printing: space-holder for part-number print acc. to table 1

MU5T-14H007- X X A XXXX

Kodierung für Länge "L" in mm
coding for length "L" in mm

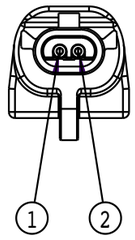
4) Nicht maßstäblich / not to scale

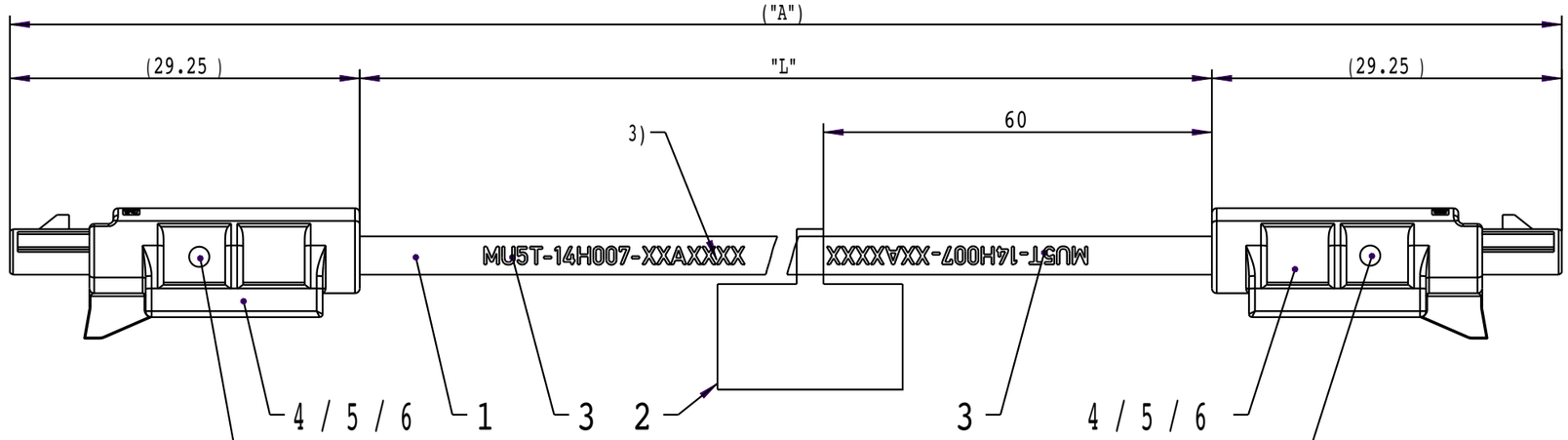
DRAWING/PART NO.	REV	SHT
MU5T-14H007-AAA	D	5
CAD FILE MU5T-14H007-AA-DWG-01/10	FORD MOTOR COMPANY	

LÄNGENNEUTRAL / INDEPENDENT OF LENGTH

SHOWN VARIANT:
CODING Z

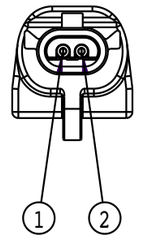
FACE VIEW (E7Z005-C00-Z)





SHOWN VARIANT:
CODING Z

FACE VIEW (E7Z005-C00-Z)



PIN	CIRCUIT	COLOR
1	ETHERNET LOW (-)	WH
2	ETHERNET HIGH (+)	GN

PIN	CIRCUIT	COLOR
1	ETHERNET LOW (-)	WH
2	ETHERNET HIGH (+)	GN

Tabelle 1/ table 1

SUPPLIER ASSEMBLY PART NUMBER	FORD ASSEMBLY PART NUMBER
LAQ-113-****-A-A_FORD	MU5T-14H007-AEA
LAQ-113-****-B-B_FORD	MU5T-14H007-BEA
LAQ-113-****-C-C_FORD	MU5T-14H007-CEA
LAQ-113-****-D-D_FORD	MU5T-14H007-DEA
LAQ-113-****-E-E_FORD	MU5T-14H007-EEA
LAQ-113-****-E-F_FORD	MU5T-14H007-FEA
LAQ-113-****-B-G_FORD	MU5T-14H007-GEA
LAQ-113-****-D-H_FORD	MU5T-14H007-HEA

1) Kabelzuschnittslänge = "L"+38 mm
cable cut length = "L"+38 mm
2) Temperaturbereich: -40 °C bis +105 °C
temperature range: -40 °C to +105 °C.
3) Definition der Bedruckung: Platzhalter für Teilenummerndruck gemäß Tabelle 1
Definition of printing: space-holder for part-number print acc. to table 1

MU5T-14H007- X X A | XXXX

Kodierung für Länge "L" in mm
coding for length "L" in mm

4) Nicht maßstäblich / not to scale

DRAWING/PART NO.	REV	SHT
MU5T-14H007-AAA	D	6
CAD FILE: MU5T-14H007-AA-DWG-01/10	FORD MOTOR COMPANY	

Rosenberger

AIAG
Automotive Industry Action Group

Acc. to AIAG PPAP 4th edition

PPAP (Production Part Approval Process) submission

Design Drawing Number:	MU5T-14H007-CAA2110	Version: AELE E 1462	Date: 11.11.2024

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Part submission warrant (PSW)

PPA documents prepared by: Monika Major (monika.major3@rosenberger.com)

Date: 02.09.2025

Rosenberger

Number: 101284

Part Submission Warrant

Part Name: Cable Assembly | Cust. Part Number: MU5T-14H007-CAA2110

Shown on Drawing No.: MU5T-14H007-CAA2110 | Org. Part Number: 90017141

Engineering Change Level: AELE E 14623064 016 | Dated: 11.11.24

Additional Engineering Changes: | Dated:

Safety and/or Government Regulation ☐ Yes ☒ No | Purchase Order No.: | Weight (Kg): 0,0274

Checking Aid No.: | Checking Aid Engineering Change Level: | Dated:

ORGANIZATION MANUFACTURING INFORMATION

Rosenberger Automotive Cabling KFT 525424391
Organization Name & Supplier (Vendor) Code

Necso Telep 1
Street Address

Jászberény | 5100 | Hungary
City | Region | Postal Code | Country

CUSTOMER SUBMITTAL INFORMATION

Nursan Kablo Donanimlari
Customer Name/Division

17388
Buyer/Buyer Code

Application

MATERIALS REPORTING

Has Customer-required Substances of Concern information been reported? ☒ Yes ☐ No ☐ n/a

Submitted by IMDS or other customer format: 1441308591 / 1

Are polymeric parts identified with appropriate ISO marking codes? ☐ Yes ☐ No ☒ n/a

REASON FOR SUBMISSION

- ☒ Initial Submission
- ☐ Engineering Change(s)
- ☐ Tooling: Transfer, Replacement, Refurbishment, or additional
- ☐ Correction of Discrepancy
- ☐ Tooling Inactive > than 1 year
- ☐ Change to Optional Construction or Material
- ☐ Sub-Supplier or Material Source Change
- ☐ Change in Part Processing
- ☐ Parts Produced at Additional Location
- ☐ Other - please specify

REQUESTED SUBMISSION LEVEL (Check one)

- ☒ Level 1 - Warrant only (and for designated appearance items, an Appearance Approval Report) submitted to customer.
- ☐ Level 2 - Warrant with product samples and limited supporting data submitted to customer.
- ☐ Level 3 - Warrant with product samples and complete supporting data submitted to customer.
- ☐ Level 4 - Warrant and other requirements as defined by customer.
- ☐ Level 5 - Warrant with product samples and complete supporting data reviewed at supplier's manufacturing location.

SUBMISSION RESULTS

The result for ☐ dimensional measurements ☐ material and functional tests ☐ appearance criteria ☒ statistical process package

These results meet all design and record requirements: ☒ Yes ☐ No (If "No" - Explanation Required)

Mold / Cavity / Production Process

DECLARATION

I affirm that the samples represented by this warrant are representative of our parts which were made by a process that meets all Production Part Approval Process Manual 4th Edition Requirements. I further affirm that these samples were produced at the production rate of _____/_____ hours. I also certify that documented evidence of such compliance is on file and available for review. I have noted any deviations from this declaration below.

EXPLANATION/COMMENTS:

Is each Customer Tool properly tagged and numbered? ☐ Yes ☐ No ☒ n/a

Organization Authorized Signature: Major Mónika | Date: 02.09.25

Print Name: Major, Monika | Phone No.: | Fax No.:

Title: | E-mail: Monika.Major3@rosenberger.com

FOR CUSTOMER USE ONLY (IF APPLICABLE)

Part Warrant Disposition: ☐ Approved ☐ Rejected ☐ Other

Customer Signature | Date

Print Name | Customer Tracking Number (optional)

March 2006 CFG-1001

Rosenberger

AIAG
Automotive Industry Action Group

Acc. to AIAG PPAP 4th edition

PPAP (Production Part Approval Process) submission

Design Drawing Number: MU5T-14H007-CAA2110 Version: AELE E 1462 Date: 11.11.2024

Miscellaneous

PPA documents prepared by: Monika Major (monika.major3@rosenberger.com)

Date: 02.09.2025